

Amendments to the Claims:

Please amend claims 1, 18 and 35 as shown in the claim listing below. Claims 4, 7, 13, 20-21, 23, 29-34 and 38 are canceled as shown in the claim listing below. All pending and withdrawn claims are listed below. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A motion-based apparatus comprising:
one or more passenger units movably coupled to one or more support arms, said one or more support arms extending radially relative to a central stationary hub;
one or more clutch units positioned between said one or more support arms and said central stationary hub, said clutch units configured to receive said passenger units from said one or more support arms;
a motor configured to drive said support arms and clutch units in a generally circular path relative to said central stationary hub; and
~~means for unloading and loading one or more of said passenger units using said one or more clutch units~~ configured to align in alignment with said one or more support arms while said support arms and clutch units are in rotation allowing unloading and loading of one more passengers while other passenger units are in motion.
2. (presently presented) The motion-based apparatus of claim 1 wherein the one or more passenger units are movably coupled to the one or more support arms by means of a carriage member engaging the one or more support arms.
3. (previously presented) The motion-based apparatus of claim 1 wherein the means for driving said support arms and clutch units is one or more motors.
4. (canceled)

5. (presently presented) A motion-based apparatus comprising:

one or more passenger compartments movably coupled to one or more support arms, said one or more support arms extending radially relative to a central stationary hub;

said support arms being attached to an outer rotatable platform member;

said outer rotatable platform member positioned adjacent to a rotatable clutch member wherein said rotatable clutch member is positioned between said outer rotatable platform member and said central stationary hub;

a motor configured to rotate said outer rotatable platform member and said rotatable clutch member; and

one or more transfer units affixed to said rotatable clutch member for facilitating transfer of the one or more passenger compartments between the outer rotatable platform member and said central stationary hub while said support arms continue in motion.

6. (presently presented) The motion-based apparatus of claim 5 wherein said outer rotatable platform member and said rotatable clutch are circular in shape.

7. (canceled)

8. (presently presented) The motion-based apparatus of claim 5 wherein the stationary area hub includes one or more stationary units for receiving a carriage member.

9. (presently presented) The motion-based apparatus of claim 5 wherein said support arms have an I-beam or t-slot cross-section.

10. (original) The motion-based apparatus of claim 8 wherein the stationary hub is located within an inner circumference of said rotatable clutch member.

11. (original) The motion-based apparatus of claim 5 wherein the stationary area facilitates loading and unloading of passengers into and out of the passenger compartments.

12. (original) The motion-based apparatus of claim 5 wherein said passenger compartments are gimbaled about three axes.

13. (canceled)

14. (original) The motion-based apparatus of claim 5 wherein the one or more passenger compartments include a video monitor.

15. (original) The motion-based apparatus of claim 5 wherein the one or more passenger compartments include a sound system.

16. (original) The motion-based apparatus of claim 5 wherein the one or more passenger compartments include means for scenting the compartment.

17. (original) The motion-based apparatus of claim 5 wherein the one or more passenger compartments include means for misting the compartment.

18. (currently amended) A motion-based system comprising:

one or more passenger units movably supported by passenger unit radial tracks integrated within a passenger unit circular platform, said passenger unit radial tracks extending radially relative to a central stationary hub;

one or more clutch tracks integrated within a clutch platform positioned between said passenger unit circular platform and said central stationary hub, said one or more clutch tracks configured to receive said passenger units from said one or more passenger unit radial tracks;

[[means]] a motor for rotating said passenger unit circular platform and clutch platform relative to said central stationary hub;

means for moving said passenger units along said radial tracks different distances from said stationary central hub to generate varied forces on said one or more passenger units; and

~~means for unloading and loading one or more of said passenger units using said one or more clutch tracks configured for [[in]] alignment with said one or more passenger unit radial tracks while said passenger unit radial tracks and clutch tracks are in rotation allowing unloading and loading of one more passengers while other passenger units are in motion.~~

19. (presently presented) The motion-based system of claim 18 wherein the one or more passenger compartments are movably supported by a carriage member.

20-21 (canceled)

22. (currently amended) A motion-based apparatus comprising:

one or more passenger compartments supported by a first series of tracks integrated in an outer rotatable planar platform, said first series of tracks extending radially relative to a central stationary hub;

said outer rotatable planar platform positioned adjacent to a rotatable clutch platform having a second series of tracks, said rotatable clutch platform positioned between said outer rotatable planar platform and said central stationary hub; and

a motor configured to rotate said outer rotatable planar platform and said rotatable clutch platform relative to said central stationary hub such that one of said series of tracks aligns with one of said first series of tracks to facilitate transfer of passenger compartments from said outer rotatable planar platform to a stationary platform adjacent to said central stationary hub.

23. (canceled)

24. (original) The motion-based apparatus of claim 22 wherein said one or more passenger compartments are gimbaled about three axes.

25. (original) The motion-based apparatus of claim 22 wherein the one or more passenger compartments include a video monitor.

26. (original) The motion-based apparatus of claim 22 wherein the one or more passenger compartments include a sound system.

27. (original) The motion-based apparatus of claim 22 wherein the one or more passenger compartments include means for scenting the compartment.

28. (original) The motion-based apparatus of claim 22 wherein the one or more passenger compartments include means for misting the compartment

29-34. (canceled)

35. (currently amended) A motion-based apparatus comprising:

one or more passenger units movably coupled to one or more support arms, said support arms each formed of a plurality of segments such that said segments may be rotated about a longitudinal axis of the support arms, said one or more support arms extending radially relative to a central stationary hub;

one or more clutch units positioned between said one or more support arms and said central stationary hub, said clutch units configured to receive said passenger units from said one or more support arms;

a motor configured to drive said support arms and clutch units in a generally circular path relative to said central stationary hub;

means for moving said one or more passenger units along said support arms different distances from said central stationary hub to generate varied forces on said passenger units; and

~~means for unloading and loading one or more of said passenger units using said one or more clutch units~~ for alignment with said one or more support arms while said support arms and clutch units are in rotation allowing unloading and loading of one or more passengers while other passenger units are in motion.

36. (original) The motion-based apparatus of claim 35 wherein each segment supports one or more passenger units.

37. (original) The motion-based apparatus of claim 35 wherein each segment comprises an I-beam cross-section.

38. (canceled)